

Robin O'Shea

Software Engineer

Profile

Graduated with BSc in Computer Applications (Software Engineer) from DCU. I have completed an internship in DCU working within a project team developing software and a plethora of customer support. The past year I have been improving my knowledge in programming as well as incorporating new skills along the way working on personal projects. Adaptable to change and always eager to learn new skills and to apply my expertise on a larger scale.

Education

B. Sc COMPUTER APPLICATIONS & SOFTWARE ENGINEERING Sep 2016 – Sep 2020

Dublin City University

Subjects: Computer Programming, Data Warehousing & Data Mining, Concurrent and Distributed Programming, Advanced Algorithms and AI Search, Web Design

Leaving Certificate Jan 2010 – Jan 2015
Belvedere College

Employment

FrontEnd Developer Intern Sep 2022 – Dec 2022
OrcaWise, Remote

Collaborated with three other front-end developers to translate old HTML/CSS & JS into a newer implementation of the current website using Typescript and React. Having setup a CI/CD GitLab pipeline alongside YAML configuration files. The main goals being to improve on design, as well as it's performance and fixing bugs

Software Developer Intern Jun 2019 – Oct 2019
Dublin City University, Dublin

DCU Worked as part of a project team to develop a system funded by Vista Milk for automated web scraping of dairy produce of which was then translated from CSV format to a SQL database. A Django web framework was used to host a website to display each scraper's success or failure. Testing was also automated using Jenkins. Agile scrum methods were done on a weekly basis. Utilized Python, Django, Jenkins, Bash, Batch, Git, logging, Selenium, BeautifulSoup, Soup, SQL, Pandas

Projects

Task Manager App

Simple web server in NodeJS for handling HTTP requests and parsing json data received. A visitor to the site can create an account, update their profile picture or account details. All accounts have their own authentication token represented by a JSON web token. Details are stored on a mongo DB server, Data sanitation, filtering and validation are done using mongoose library

Personal details

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D13

Skills

Javascript

Typescript

NextJS / Express

Node.js

React

HTML/CSS

Python

Java

Bash/Batch

MySQL

MongoDB

Software testing

Bash/Batch